



US006749886B2

(12) **United States Patent**  
**Jones**(10) **Patent No.: US 6,749,886 B2**  
(45) **Date of Patent: Jun. 15, 2004**(54) **CONFECTIONERY PRODUCT MADE OF  
PROTEIN AND CARBOHYDRATE  
MATERIALS PRESENT IN A RELATIVE  
WEIGHT RATIO HIGHER THAN 1**(75) Inventor: **Dennis Jones**, Shelburne, VT (US)(73) Assignee: **Nellson Northern Operating, Inc.**,  
Irwindale, CA (US)(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.(21) Appl. No.: **10/117,111**(22) Filed: **Apr. 8, 2002**(65) **Prior Publication Data**

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**Related U.S. Application Data**(63) Continuation of application No. 09/920,802, filed on Aug. 3,  
2001, which is a division of application No. 09/639,851,  
filed on Aug. 16, 2000, now Pat. No. 6,299,929, which is a  
continuation of application No. 08/246,369, filed on May 19,  
1994, now abandoned, which is a continuation of application  
No. 07/891,929, filed on Jun. 1, 1992, now abandoned,  
which is a continuation of application No. 07/641,131, filed  
on Jan. 15, 1991, now abandoned.(51) **Int. Cl.**<sup>7</sup> ..... **A23J 1/00**; A23J 1/14;  
A23J 1/08; A23J 1/20; A23G 3/00(52) **U.S. Cl.** ..... **426/656**; 426/658; 426/660(58) **Field of Search** ..... 426/656, 658,  
426/660(56) **References Cited****U.S. PATENT DOCUMENTS**

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*Primary Examiner*—Anthony Weler(74) *Attorney, Agent, or Firm*—Heller Ehrman White and  
McAuliffe(57) **ABSTRACT**

The invention provides a confectionery bar having a pro-  
teinaceous material and a carbohydrate material in a relative  
weight ratio higher than 1 (from 1:0 to about 1:0.999). The  
bar produced is very palatable and chewy and has good  
organoleptic properties. It may be coated (enrobed) or not as  
desired. The product of the invention provides a meal  
replacement for very low calorie diets, diet supplement or  
protein supplement, and may optionally have a carbohydrate  
material of low digestibility or indigestible nature.

**9 Claims, No Drawings**